

Work Order ID 138365

646.3715

138365

Page 1

Tuesday, October 27, 2015 11:27:12 AM

B 138365

Item ID: 646.3715

REV. A

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Strut Doubler

Stop

NS2

Start Date: 10/26/2015 Start Qty: 6.00

6

Cust Item ID:

Required Date: 10/26/2015 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: OCT 29 2015

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

646.3700

A

110

0.00

110

Waterjet

FLOW CNC Waterjet

Memo

0.00

1-Cut as per Dwg

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

(22)

Oct 16/01/19

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Memo

0.00

Quality Control

(22)

Oct 16/01/19

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____			
Misidentified ☐	☐	Past Due ☐	☐				

Work Order ID 138365

Tuesday, October 27, 2015 11:27:12 AM

138365

Page 2

Item ID: 646.3715 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Strut Doubler
Start Date: 10/26/2015 Start Qty: 6.00 ***6*** Cust Item ID:
Required Date: 10/26/2015 Req'd Qty: 6.00 ***6*** Customer:
Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00				<u>22</u>			DAS 38 9-89
140 *140* Outsource4 Outsource process - Anodize	Outsource process-Anodize per QSI017 4.1.10.1 Memo Issue P/O to ATG : <u>31098</u> 1- Black Anodize as per Dwg 646.3700 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	0.00 18.00				DAS 13 9-89	JAN 21 2016	<u>22</u>	
150 *150* Packaging Packaging	Receive & Inspect for Damage & Mat'l Certs Memo	0.00 0.00				<u>22</u>	<u>8/16-02-12</u>		

JAN 19 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Work Order ID 138365

Tuesday, October 27, 2015 11:27:12 AM

138365

Page 3

Item ID: 646.3715 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Strut Doubler
 Start Date: 10/26/2015 Start Qty: 6.00 ***6*** Cust Item ID:
 Required Date: 10/26/2015 Req'd Qty: 6.00 ***6*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC5- Inspect part completeness to step on W/O	0.00							DAS 38 9-89
160									
QC	Memo	0.00							
Quality Control									FEB 16 2016
190	Identify as per dwg & Stock Location: <u>CC105</u>	0.00							
190									
Packaging	Memo	0.00							
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***								
200	QC21- Final Inspection - Work Order Release	0.00							
200									
QC	Memo	0.01							
Quality Control									FEB 17 2016

MCJ FEB 17 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____																			

Picklist Print

Tuesday, October 27, 2015 11:27:11 AM

Page 1

Work Order ID: 138365

138365

Parent Item: 646.3715

646.3715

Parent Item Name: Strut Doubler

Start Date: 10/26/2015

Required Date: 10/26/2015

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.040		Purchased	No			110	sf	164.0000	0.0434	0.274105			

M6061T6S 040

6061-T6 .040 Sheet

DL 16/01/19

Location

Loc Qty

Loc Code

MAT021

164

m131352

64

m132037

100

1.3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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																								OTHER :																																							

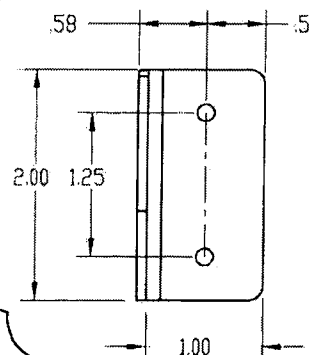
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	DWG NO. 646.3700	REV: A	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: SHEETMETAL					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED ALTERNATE MATERIAL AND REVISED REFERENCE DIMENSIONS			EOR: D-12-010	

SHEET 1, ZONE A2 IS:

IS

△ PRIMARY MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
ALTERNATE MATERIAL: SS 17-4 PH PER AMS 5604

IS

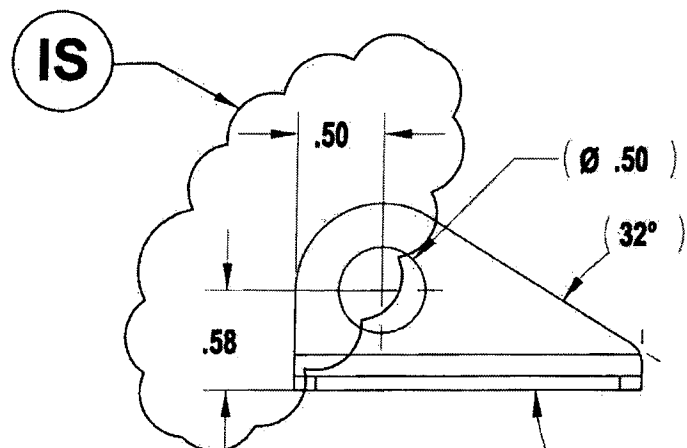


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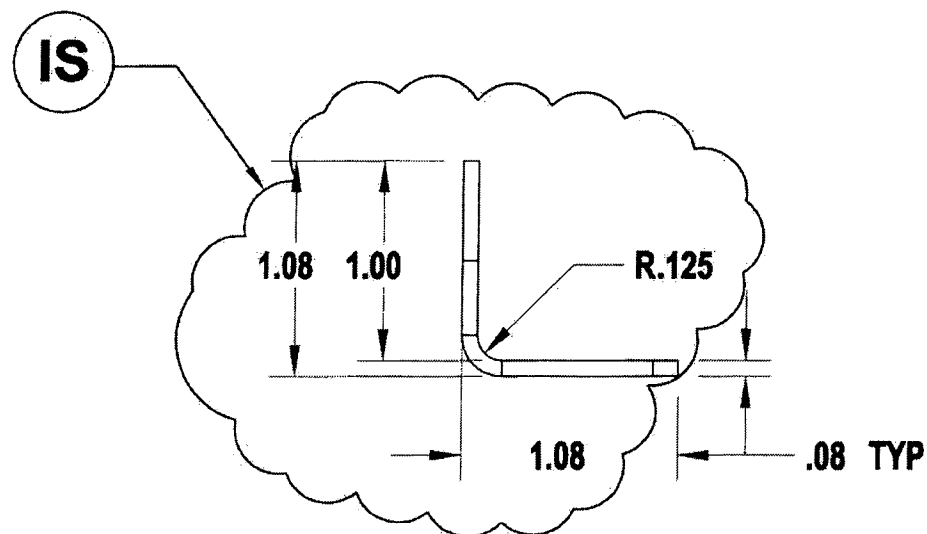
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 138365 MC

15-10-29

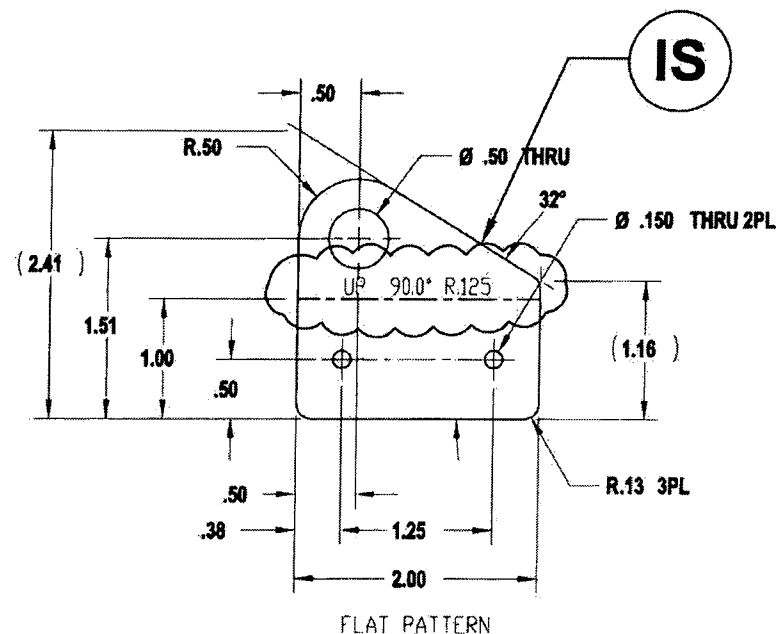
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
☐ RFMS ☐ MDL ☐ INSTALL INSTRU ☐ ICA ☐ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO



SHEET 7, ZONE C4 IS:



SHEET 7, ZONE D1 IS:

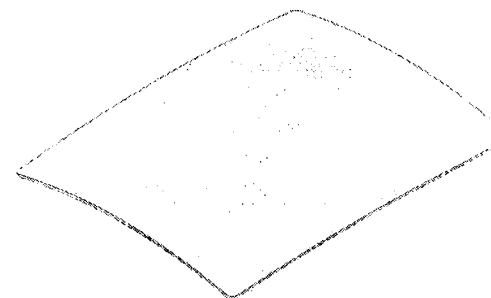


SHEET 7, ZONE B7 IS:

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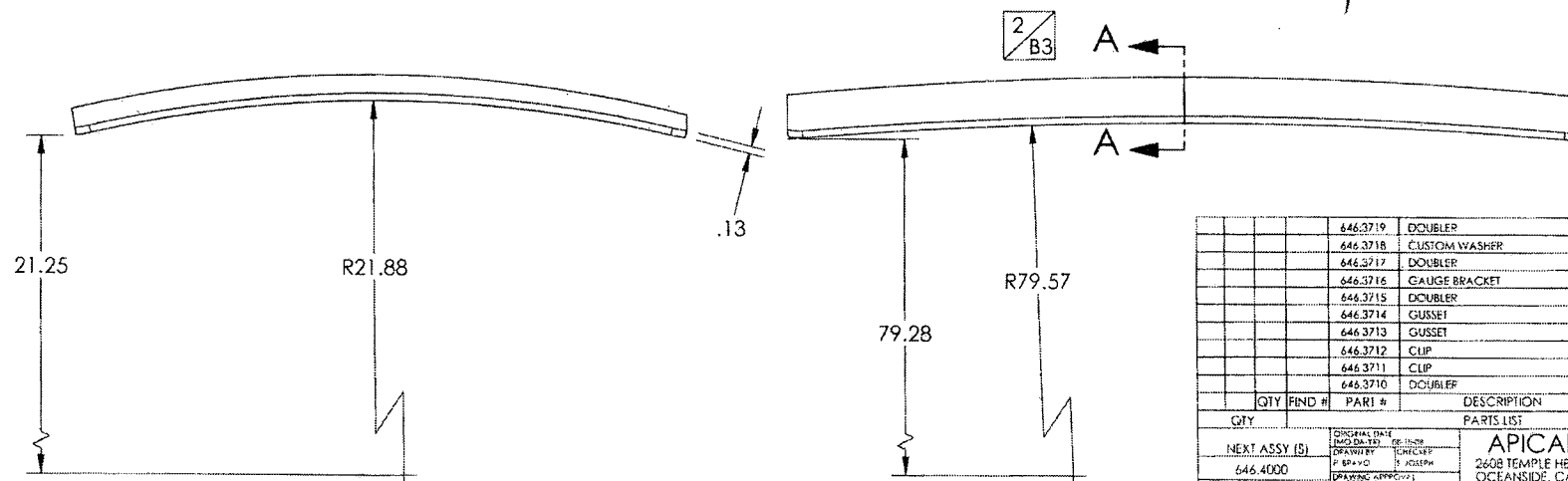
REVENUE			
REV.	DESCRIPTION	DATE	APPROVE
A	INCORPORATED 8-0-0198	01/05/00	FB?

1. MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2. COLOR BLACK:
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
3. MATERIAL: 17-4 PH AMS 5604. CONDITION H900
4. FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N
5. DEBURR AND BREAK ALL SHARP EDGES
6. IDENTIFY IAW MPP-120



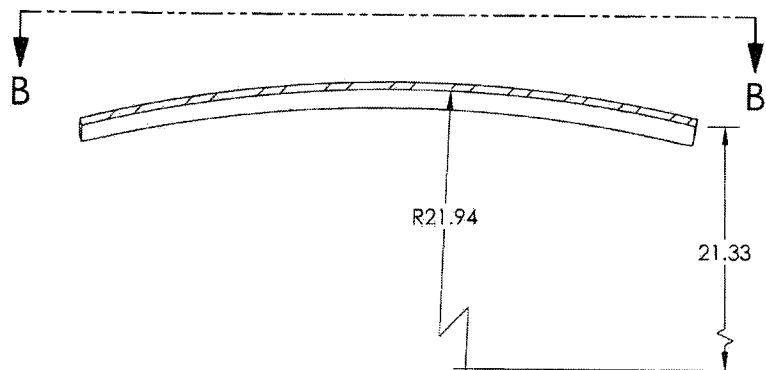
UNINCORPORATED ECN(S)

03702



		646.3719	DOUBLER		△	△
		646.3718	CUSTOM WASHER		△	△
		646.3717	DOUBLER		△	△
		646.3716	GAUGE BRACKET		△	△
		646.3715	DOUBLER		△	△
		646.3714	GUSSET		△	△
		646.3713	GUSSET		△	△
		646.3712	CLIP		△	△
		646.3711	CLIP		△	△
		646.3710	DOUBLER		△	△
	QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
CITY				PARTS LIST		
NEXT ASSY (S)				APICAL INDUSTRIES		
646.4000				2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5312		
				SHEETMETAL		
ORIGINAL DATE INFO DATA SHEET REVISION P BY=VO R BY=JAHLEN DRAWING APPROVED: CORRECT CTG#				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE ± .01 FINISH DIMENSIONAL ± .01 HOLDINGS ± .01 MATERIAL S.S.		
SIZE				PAGE CODE		
B				DWO-YND		
SCALE				MONIE		
646.3700				SHEET 1 OF 2		

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SECTION A-A



R395.138

R.13 4PL

13.51

10.49

10.54

SECTION B-B

ORIGINAL DATE: 06-18-08
 DRAWN BY: JCT/CTP
 P. BRAYO J. JOSEPH
 DRAWING APPROVAL: J. JOSEPH
 CONTRACTING

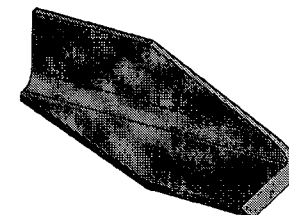
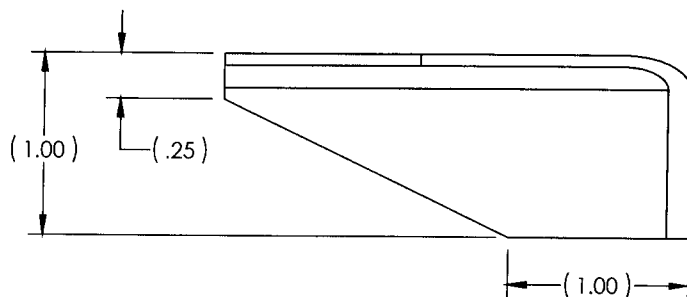
APICAL INDUSTRIES
 2608 TEMPLE HEIGHTS DR.
 OCEANSIDE, CA. 92056-3512 (760)724-5300

SHEETMETAL

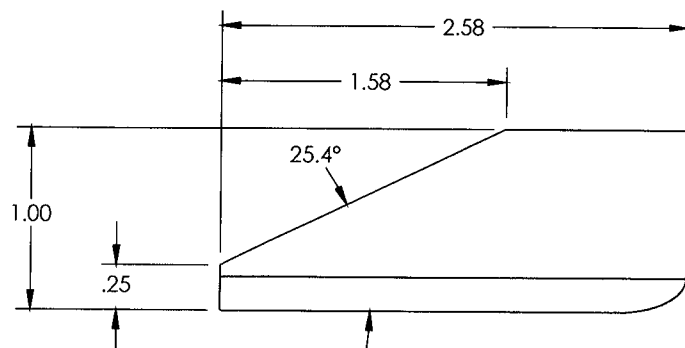
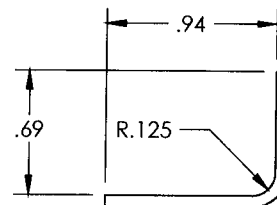
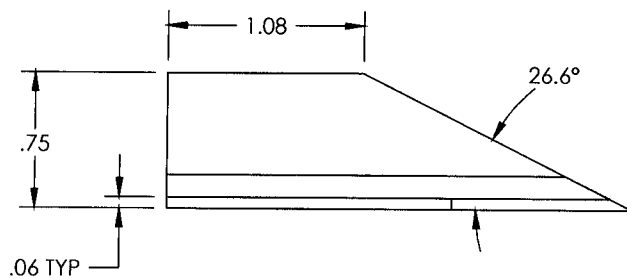
QTY	CAGE CODE	QTY	REV
B	07M26	646.3700	A
SCALE: NONE		SHEET 2 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



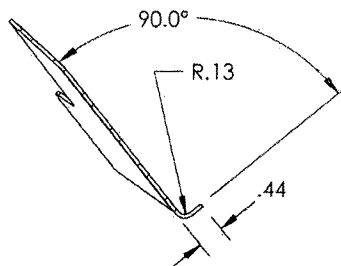
646.3711 SHOWN
646.3712 OPPOSITE



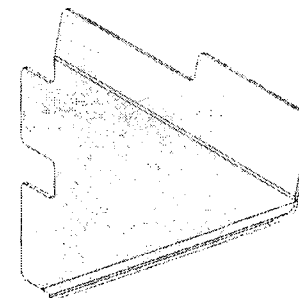
NEXT ASSY (S)		ORIGINAL DATE (DA-MO-YR) 08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	
DRAWN BY P. BRAVO	CHECKED S. JOSEPH	DRAWING APPROVAL S. JOSEPH 08-18-08		
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.5°				
SUB B	CAGE CODE 07MZ6	DWG. NO. 646.3700	REV. A	
SCALE: NONE			SHEET 3 OF 9	

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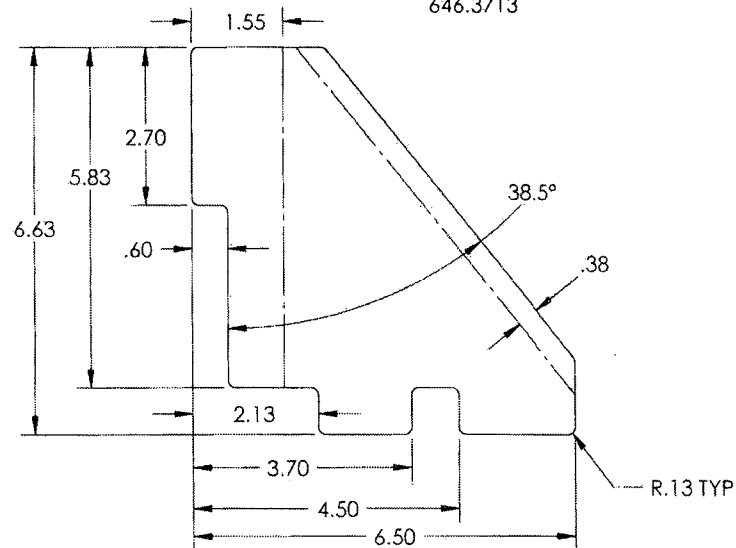
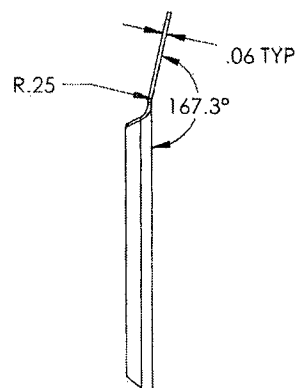
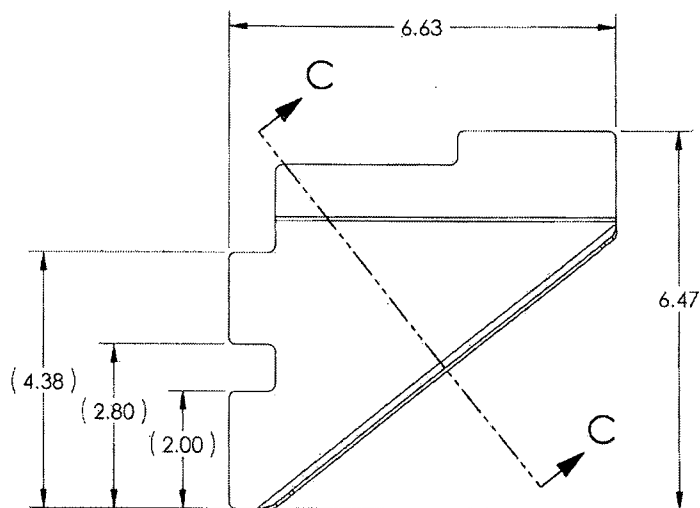
REV	DESCRIPTION	DATE	APPROVED



SECTION C-C



646.3713

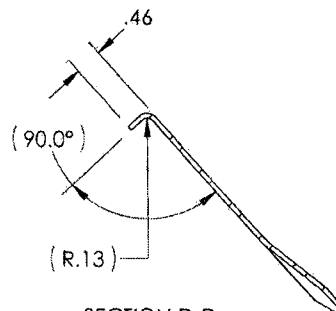


FLAT PATTERN

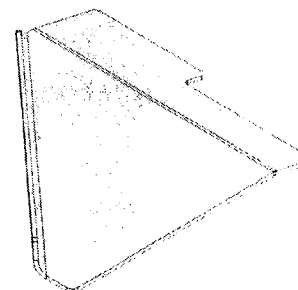
NEXT ASSY (SI)	ORIGINAL DWG	08-15-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DESIGNED BY	S. JOHNSON		
	DRAWING APPROVAL	S. JOHNSON		
	DATE	08/15/08		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS & DIA. ANGLES: 1:50			REV	DATE
			8	07/26/06
			SCALE	1:100
			SHEET	4 OF 9

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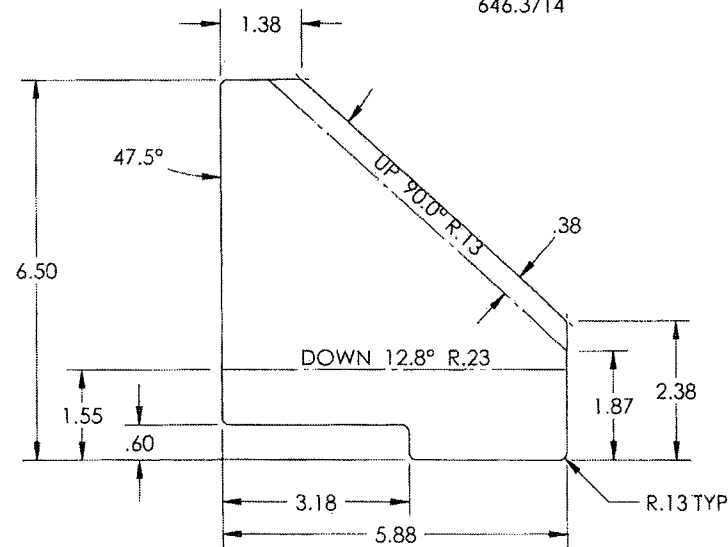
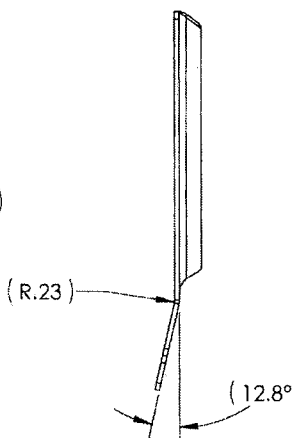
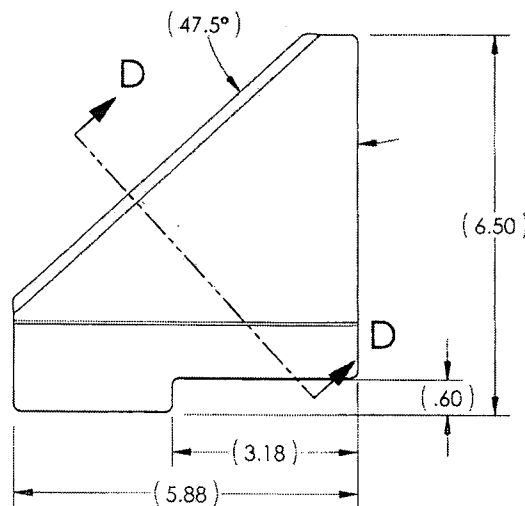
REV	DESCRIPTION	DATE	APPROVED



SECTION D-D



646.3714

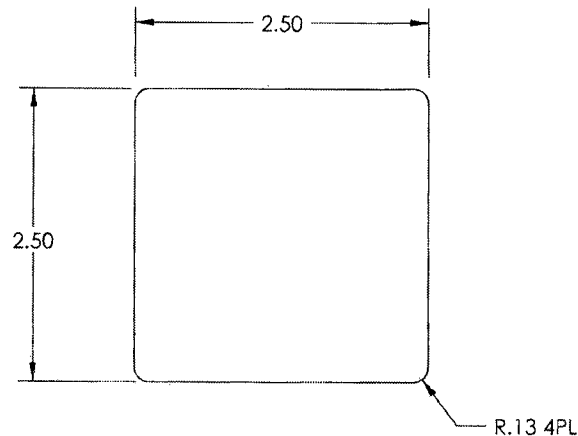


FLAT PATTERN

ORIGINAL DATE 12/01/01 DRAWN BY P. BRADY CHECKED BY J. JOHNSON DRAWING APPROVAL J. JOHNSON DATE 02/01/02	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEET METAL SHEET CODE 8 07M26 SCALE NONE	DWG NO 646.3700 SHEET 5 OF 5
---	--	--

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

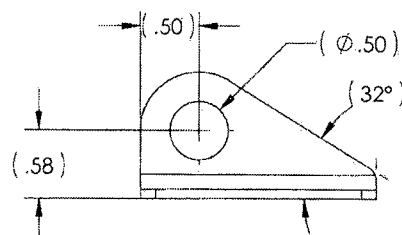
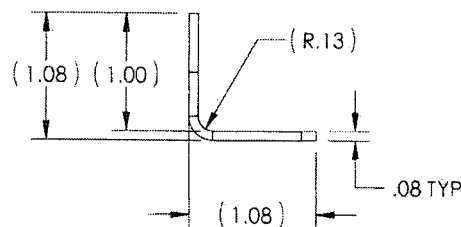
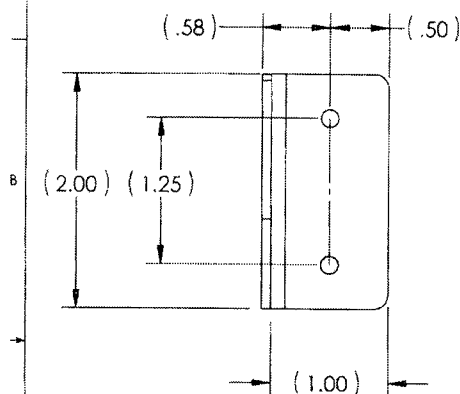


646.3715

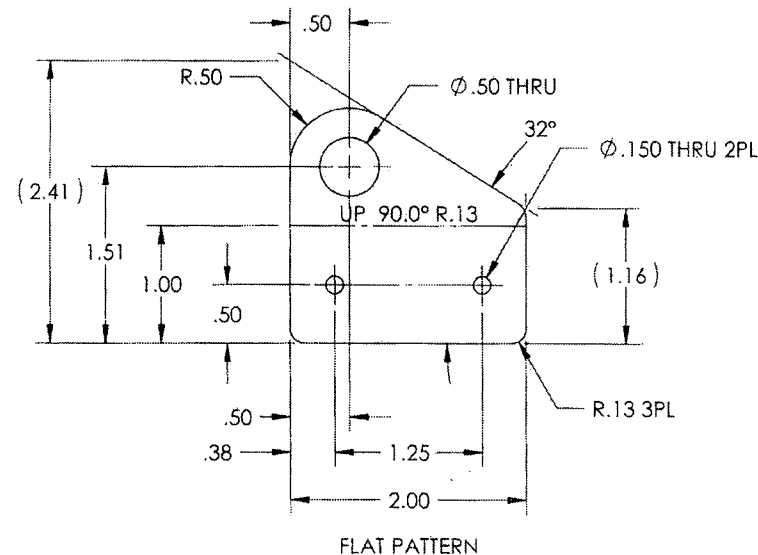
NEXT ASSY (S)	ORIGINAL DATE	06-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DRAWN BY	CHESTER		
	P. BRAYO	J. JOSEPH	SHEETMETAL	
	DRAWING APPROVAL	J. JOSEPH		
	DATE	06-18-08	SHEET 6 OF 7	
	CONTRACT NO.			
	UNITS: OTHERWISE SPECIFIED		SCALE: NONE	
	DIMENSIONS ARE IN INCHES			
	TOLERANCES ARE:		SHEET 6 OF 7	
	2 PLACE DECIMALS ±.01			
	3 PLACE DECIMALS ±.001		SHEET 6 OF 7	
	ANGLES ±.5°			

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



646.3716

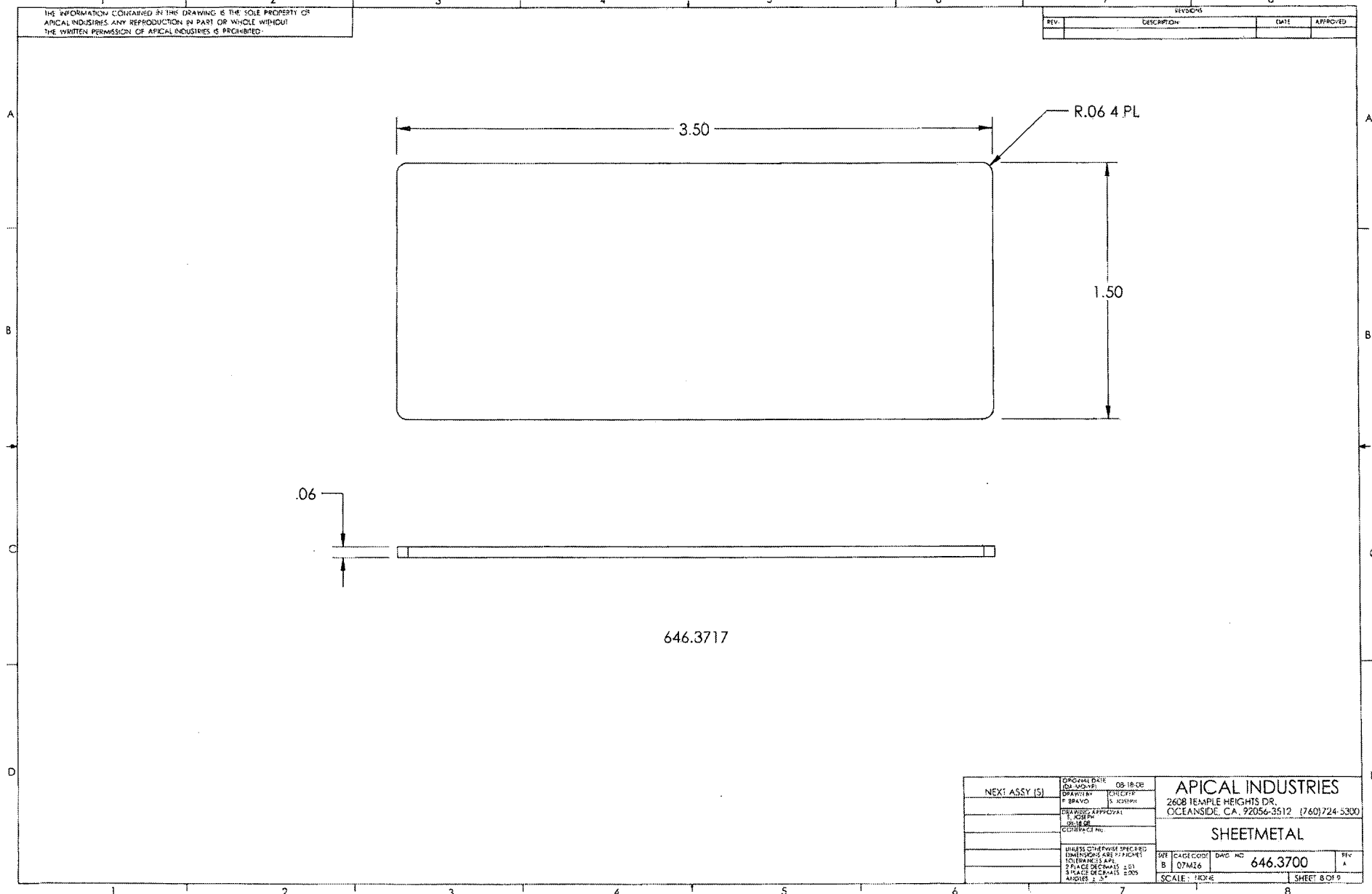


FLAT PATTERN

NEXT ASSY (S)	ORIGINAL DATE	08-15-01	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DATE BY	08-15-01		
DRAWING APPROVAL	DATE	08-15-01	SHEETMETAL	
	DATE	08-15-01		
UNLESS OTHERWISE SPECIFIED	DATE	08-15-01	646.3700	
	DATE	08-15-01		
UNLESS OTHERWISE SPECIFIED			SCALE: 1"=1"	
DIMENSIONS ARE IN INCHES			SHEET 7 OF 8	
2 PLACE DECIMALS - 0.01			REV	
ANGLES ± 1°			A	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



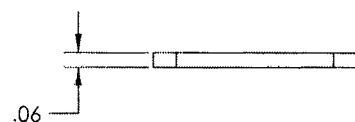
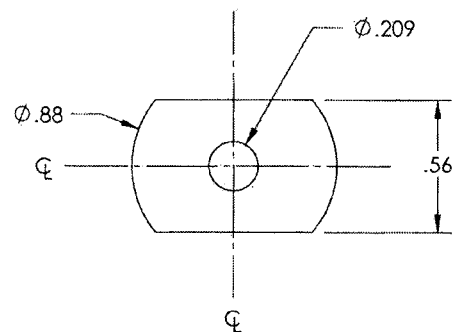
NEXT ASSY (S)		ORIGINAL DATE (DD-MON-YY)	08-18-08
DRAWN BY P. BRAY		CHECKED BY J. KOSHY	
DRAWING APPROVAL T. KOSHY			
CUST. PO. NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 2 PLACE DECIMALS ±.01 ANGLES ±.5°			
		DATE CODED	07M26
		DATE NO.	646.3700
		SCALE	1:1
		SHEET 8 OF 9	

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA 92056-3512 (760) 724-5300

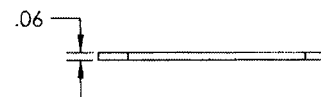
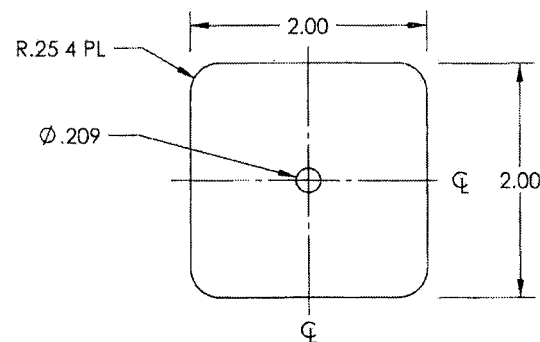
SHEETMETAL

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



646.3718



646.3719

NEXT ASSY (S)	ORIGINAL DATE	08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DESIGNED BY	ECHELEP		
	DRAWN BY	P. BRAVO	SHEETMETAL	
	APPROVAL	S. JOSEPH		
	DATE	08-18-08	SCALE: 1:100	
	COMPARISON			
	UNLESS OTHERWISE SPECIFIED		SHEET CODE	DWG. NO.
	DIMENSIONS ARE IN INCHES		8	077M26
	TOLERANCES ARE:			646.3700
	2 PLACE DECIMALS ± .01			
	3 PLACE DECIMALS ± .005			
	ANGLES ± .5°			

SHEET 5 OF 5



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31098

Purchase Order Date 1/21/2016

PO Print Date 1/28/2016

Page Number 1 of 7

Order From:

VC-ATG001

Ship To: DART AEROSPACE LTD

AUG INDUSTRIES INC.
711 INDUSTRIELLE ROAD
DOKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

JAN 28 2016

Contact Name

Vendor Phone 613-446-4544

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Line	Reference	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
Line	Vendor Part Number						
	Line Comments		Promise Date				
	Delivery Comments						

140833	646.3010 LH HALF REV.	2/5/2016	10.00		\$10.63	\$106.28
	N/C					

Yes

2/5/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Line Total: \$106.28

140840	646.3610 LH HALF REV.	2/5/2016	16.00		\$6.98	\$111.64
	N/C					

Yes

2/5/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

Line Total: \$111.64

138365	646.3715 STRUT DOUBLER REV.A	2/5/2016	22.00		\$6.63	\$145.81

Yes

2/5/2016

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N

PO Instructions: ADMIN FEE ARE INCLUDED IN PRICING PER UNIT

Note:

1/28/2016

SP16-02-12



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 911228

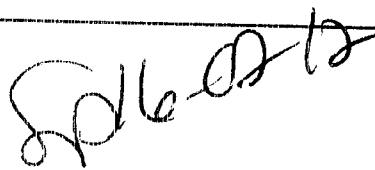
Date: 11-Feb-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE

Terms	Ship Via
Quantity	Description
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.
✓ 23 ea	Part: 140048 646.3714 GUSSET ✓ Job: 19109 PO: 31098 Line: 15 Rev: A
✓ 24 ea	Part: 140787 646.3712 CLIP ✓ Job: 19111 PO: 31098 Line: 18 Rev: A
✓ 26 ea	Part: 140084 646.3713 BRACKET ✓ Job: 19112 PO: 31098 Line: 19 Rev: A
✓ 22 ea	Part: 138365 646.3715 LH STRUT DOUBLE ✓ Job: 19099 PO: 31098 Line: 3 Rev: A
✓ 20 ea	Part: 138175 646.3717 DOUBLER Job: 19100 PO: 31098 Line: 4 Rev: A
✓ 32 ea	Part: 138311 ✓ 646.3719 DOUBLER Job: 19102 PO: 31098 Line: 6 Rev: A
DATE: 11/2/2016	
CERTIFIED SIGNATURE: 	
RECEIVER SIGNATURE: 	
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	

ATG

INDUSTRIES INC.

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 911228

Date: 11-Feb-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE

Terms		Ship Via
Quantity	Description	
	CERTIFICATE OF CONFORMANCE	
	A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT CONFORM TO REQUIREMENTS.	
	MADE IN CANADA.	
	<i>Sp16-12</i>	